

FIXTURE LIST			
SYMBOL	FIXTURE TYPE	MOUNTING ELEVATION	MOUNTING ELEVATION
L03	AL1 400W, 240V, METAL HALIDE LUMINAIRE, FIVE HIGH MAST LUMINAIRE MOUNTED ON A 70 FOOT ROUND TAPERED HIGH MAST GALVANIZED STEEL POLE SUITABLE FOR 120MPH WIND WITH 1.3 GUST FACTOR WITH ANCHOR BOLTS AND LOWERING DEVICE SUITABLE FOR FIVE LUMINAIRE AND 5 FT LIGHTNING ROD WITH PORTABLE DRIVE MOTOR	65'-0"	HOLOPHANE HMA0400PP0057
L07	AL2 150W, 120V, LED LUMINAIRE	30'-0"	CREE FLD-EHO-40-XX-12-E-UL-XX-1000-40K

**LEGEND:**

CIRCUITING DESIGNATION WITH CONDUCTOR SIZE AND QUANTITY INDICATED ON DRAWING  
 CONDUCTOR CODE:  
 SHORT DASH - PHASE OR SWITCHED CONDUCTOR  
 LONG DASH - NEUTRAL CONDUCTOR  
 ARC - GROUND CONDUCTOR  
 FIXTURE TYPE WITH PHOTOCELL CONTROL

**CONSTRUCTION NOTES:**

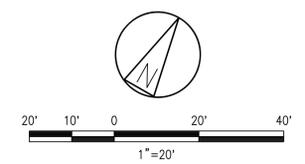
- THE CONTRACTOR (181503.73.0601) SHALL AIM THE LIGHTS IN THE GENERAL DIRECTION OF THE FIXTURE ARROWS, SUBJECT TO FINAL ACCEPTANCE BY THE OWNER.
- THE CONTRACTOR (181503.73.0601) SHALL CONFIRM THAT THE MOUNTING ELEVATION OF THE FLOODLIGHT PROVIDES A MINIMUM MAINTENANCE CLEARANCE OF 5'-8" BETWEEN FLOODLIGHT AND ANY ENERGIZED EQUIPMENT. THE FLOODLIGHT ELEVATION SHALL BE ADJUSTED, IF REQUIRED, TO PROVIDE MINIMUM CLEARANCE.

**REFERENCE DRAWINGS:**

115KV YARD CONDUIT, GROUNDING AND CABLE TRENCH	25242-402
CONDUIT PLAN	25242-418SH3
YARD LIGHTING DETAILS	25242-426
BILL OF MATERIALS	25242-499SH3

**PRELIMINARY**  
 NOT TO BE USED FOR CONSTRUCTION  
**NEW DRAWING**

<b>BLACK &amp; VEATCH</b> Building a world of difference®							
DESIGNER	TKD	DRAWN	TDP				
CHECKED		DATE					
PROJECT #	181503						
	B 10/09/2014	ISSUED FOR BID - PROJECT 181503 - CAPACITOR BANK ADDITION	TDP	JDG	TKD	DJK	
	A 09/30/2014	ISSUED FOR CSC DOCUMENTATION	SLC	JDG	TKD	DJK	
NO	DATE	REVISION	DRN	CHKD	DESN	SUPR	



No	Date	Revision	By	Chkd.	Engr.	Supv.

			LIGHTING PLAN		
			HAWTHORNE SUBSTATION		
Drawn	Date 06/16/2014	Scale: 1"=20'	CAD FILE NAME	SEQUENCE No.	DRAWING NUMBER
Chkd.	Design Engr.	Design Supv.			25242-428